

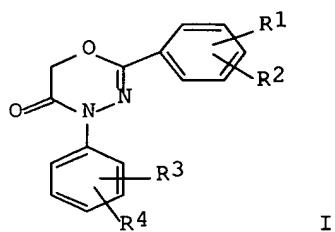
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1987:459057 CAPLUS  
 DN 107:59057  
 TI Diphenyloxadiazinones as miticides and nematocides  
 IN Dekeyser, Mark A.; Mishra, Anupama; Moore, Richard C.  
 PA Uniroyal Chemical Co., Inc., USA  
 SO Fr. Demande, 39 pp.

CODEN: FRXXBL

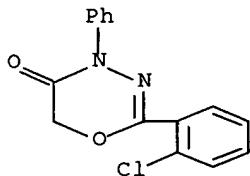
DT Patent  
LA French

FAN.CNT 1

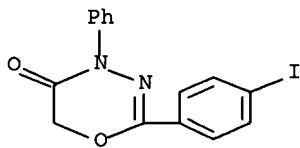
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2580643	A1	19861024	FR 1986-5639	19860418
	US 4670555	A	19870602	US 1985-725029	19850419 <--
	US 4782066	A	19881101	US 1987-18252	19870224
PRAI	US 1985-725029		19850419		
OS	CASREACT 107:59057				
GI					



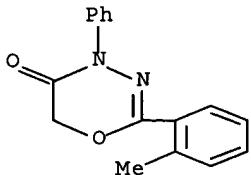
AB The title compds. [I; R1, R2 = H, alkyl, halo, etc.; R3, R4 = H, halo, alkyl, alkoxy, arylsulfonyl, alkylsulfonyl, etc.], useful as miticides and nematocides, are prep'd. p-MeC<sub>6</sub>H<sub>4</sub>COCl was added to a soln. of p-H<sub>2</sub>NNHC<sub>6</sub>H<sub>4</sub>Me.HCl in pyridine and the resulting mixt. stirred at ambient temp. for 3 h to give p-MeC<sub>6</sub>H<sub>4</sub>NHNHCOC<sub>6</sub>H<sub>4</sub>Me-p. This was refluxed with ClCH<sub>2</sub>COCl in MeCOEt for 4 h, the reaction mixt. cooled to ambient temp., K<sub>2</sub>CO<sub>3</sub> added, and the resulting mixt. refluxed for 4 h to give I (R1 = R3 = H, R2 = R4 = p-Me) (II). II at 1000 ppm showed 100% control of mites.  
 IT 109462-69-3P 109462-75-1P 109462-76-2P  
 109462-77-3P 109462-78-4P 109462-93-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prep'n. of, as miticide and nematocide)  
 RN 109462-69-3 CAPLUS  
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



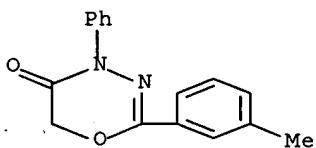
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 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-iodophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



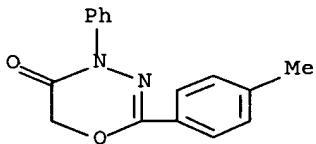
RN 109462-76-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-methylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



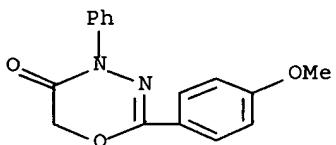
RN 109462-77-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



RN 109462-78-4 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



RN 109462-93-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)

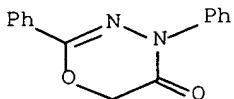


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109462-77-3P 109462-78-4P 109462-79-5P  
109462-80-8P 109462-81-9P 109462-82-0P  
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109492-02-6P 109492-03-7P 109492-04-8P  
109492-05-9P 109492-06-0P 109492-07-1P  
**109525-24-8P 109551-08-8P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of, as nematocide and miticide)

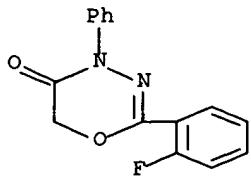
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-diphenyl- (9CI) (CA INDEX NAME)

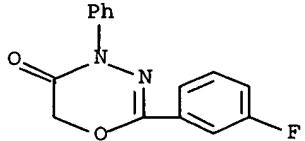


RN 109462-66-0 CAPLUS

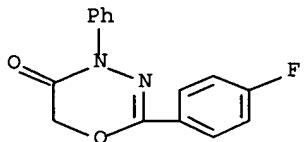
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-fluorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



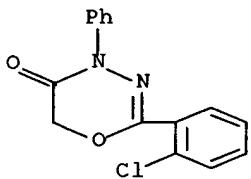
RN 109462-67-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-fluorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



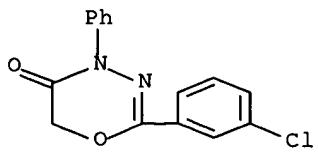
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-fluorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



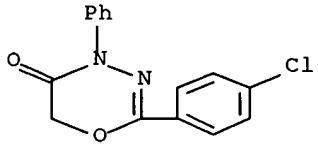
RN 109462-69-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



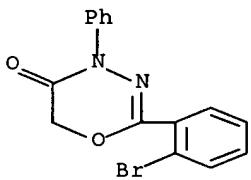
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



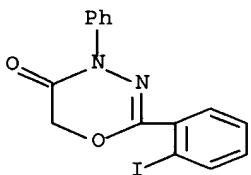
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-chlorophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



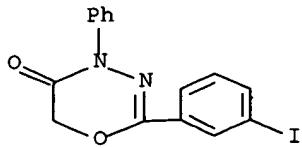
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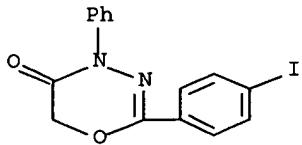
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-iodophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



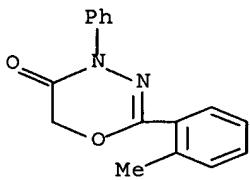
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-iodophenyl)-4-phenyl- (9CI) (CA INDEX NAME)



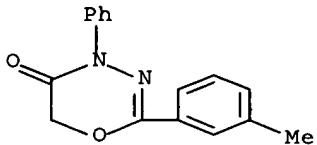
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-iodophenyl)-4-phenyl- (9CI) (CA  
INDEX  
NAME)



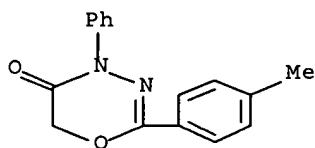
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-methylphenyl)-4-phenyl- (9CI) (CA  
INDEX NAME)



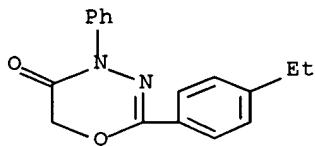
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methylphenyl)-4-phenyl- (9CI) (CA  
INDEX NAME)



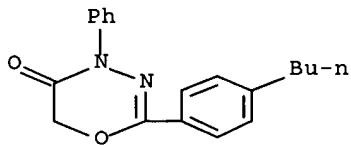
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-phenyl- (9CI) (CA  
INDEX NAME)



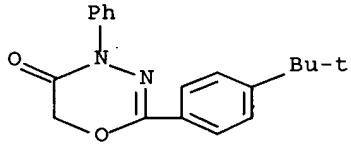
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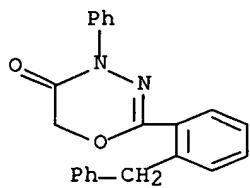
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butylphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



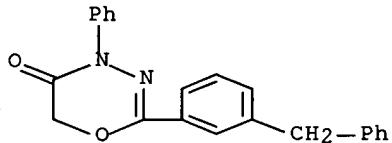
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(1,1-dimethylethyl)phenyl]-4-phenyl- (9CI) (CA INDEX NAME)



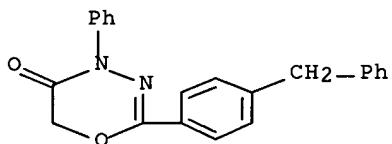
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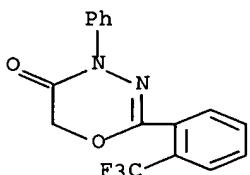
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-(phenylmethyl)phenyl]- (9CI)  
(CA INDEX NAME)



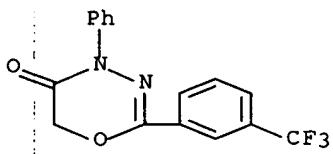
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(CA INDEX NAME)



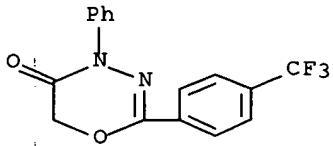
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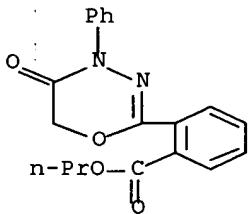
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



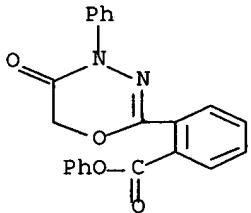
RN : 109462-87-5 CAPLUS  
CN : 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[4-(trifluoromethyl)phenyl]-  
(9CI) (CA INDEX NAME)



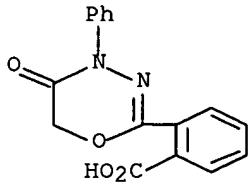
RN : 109462-88-6 CAPLUS  
CN : Benzoic acid, 2-(5,6-dihydro-5-oxo-4-phenyl-4H-1,3,4-oxadiazin-2-yl)-,  
propyl ester (9CI) (CA INDEX NAME)



RN : 109462-89-7 CAPLUS  
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phenyl ester (9CI) (CA INDEX NAME)

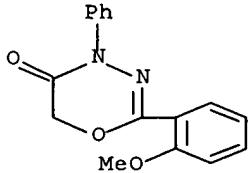


RN : 109462-90-0 CAPLUS  
CN : Benzoic acid, 2-(5,6-dihydro-5-oxo-4-phenyl-4H-1,3,4-oxadiazin-2-yl)-,  
sodium salt (9CI) (CA INDEX NAME)

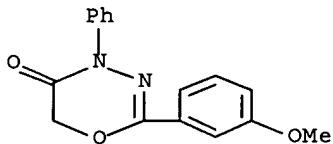


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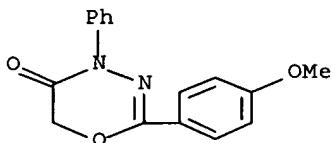
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-methoxypyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)



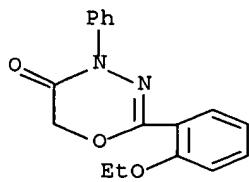
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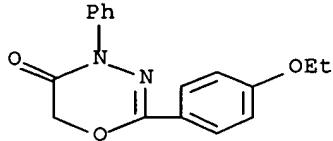
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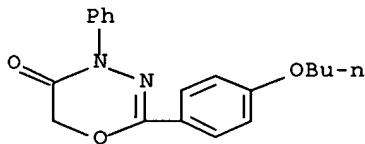
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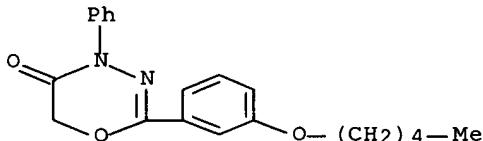
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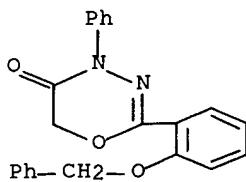
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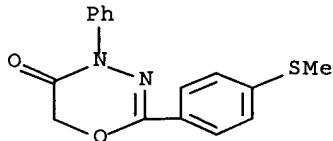
RN 109462-97-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(pentyloxy)phenyl]-4-phenyl- (9CI)  
(CA INDEX NAME)



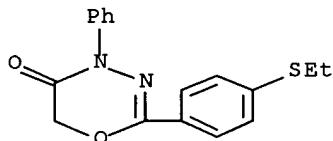
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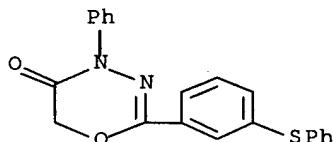
RN 109462-99-9 CAPLUS  
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(CA INDEX NAME)



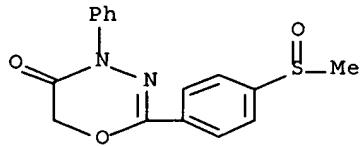
RN 109463-00-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(ethylthio)phenyl]-4-phenyl- (9CI)  
(CA INDEX NAME)



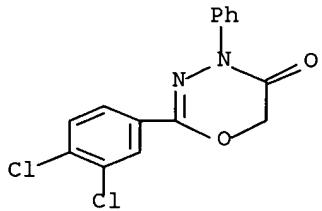
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(CA INDEX NAME)



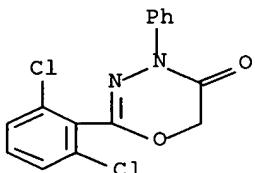
RN 109463-02-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(methylsulfinyl)phenyl]-4-phenyl-  
(9CI)  
(CA INDEX NAME)



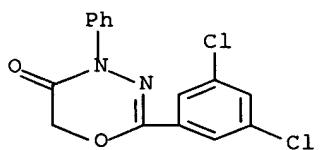
RN 109463-03-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dichlorophenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



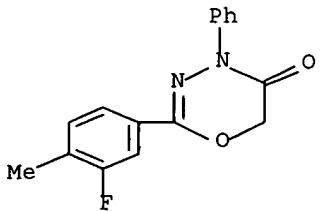
RN 109463-04-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2,6-dichlorophenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



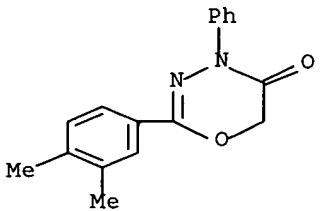
RN 109463-05-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,5-dichlorophenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



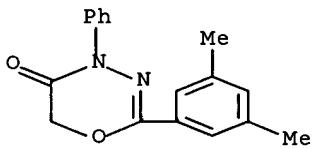
RN 109463-06-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-fluoro-4-methylphenyl)-4-phenyl-  
(9CI)  
(CA INDEX NAME)



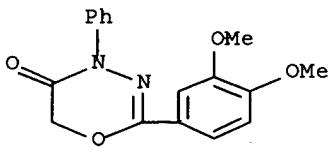
RN 109463-07-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dimethylphenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



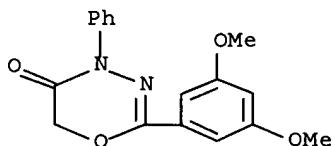
RN 109463-08-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,5-dimethylphenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



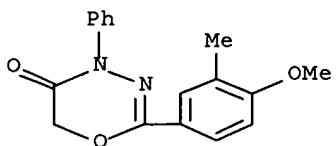
RN 109463-09-4 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dimethoxyphenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



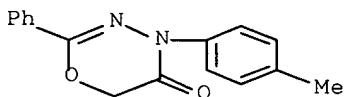
RN 109463-10-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,5-dimethoxyphenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



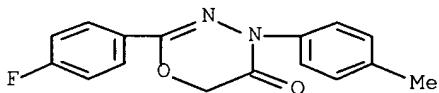
RN 109463-11-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxy-3-methylphenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



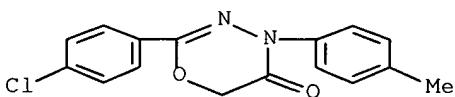
RN 109463-12-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methylphenyl)-2-phenyl- (9CI) (CA INDEX NAME)



RN 109463-13-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-fluorophenyl)-4-(4-methylphenyl)- (9CI)  
(CA INDEX NAME)

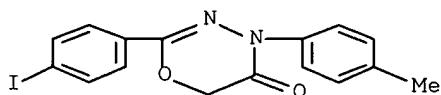


RN 109463-14-1 CAPLUS  
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(CA INDEX NAME)

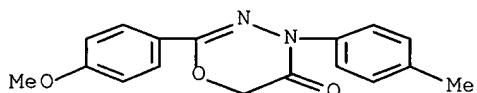


RN 109463-15-2 CAPLUS

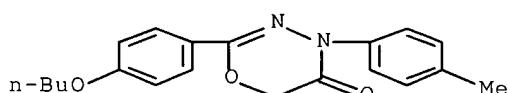
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-iodophenyl)-4-(4-methylphenyl)- (9CI)  
(CA INDEX NAME)



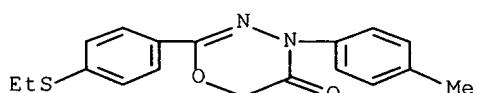
RN 109463-16-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methoxyphenyl)-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



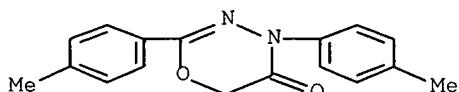
RN 109463-17-4 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butoxyphenyl)-4-(4-methylphenyl)- (9CI)  
(CA INDEX NAME)



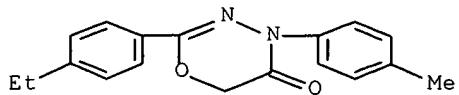
RN 109463-18-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(ethylthio)phenyl]-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



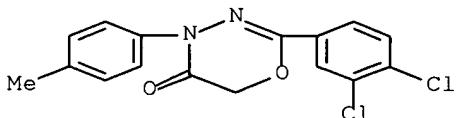
RN 109463-19-6 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(4-methylphenyl)- (9CI) (CA INDEX NAME)



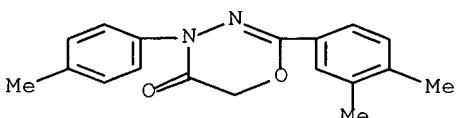
RN 109463-20-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-ethylphenyl)-4-(4-methylphenyl)- (9CI)  
(CA INDEX NAME)



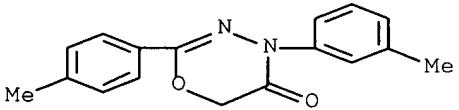
RN 109463-21-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dichlorophenyl)-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



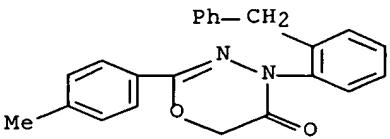
RN 109463-22-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dimethylphenyl)-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



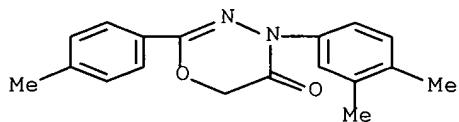
RN 109463-23-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-methylphenyl)-2-(4-methylphenyl)- (9CI)  
(CA INDEX NAME)



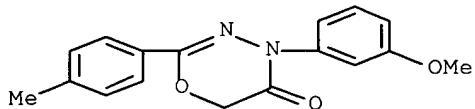
RN 109463-24-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[2-(phenylmethyl)phenyl]- (9CI) (CA INDEX NAME)



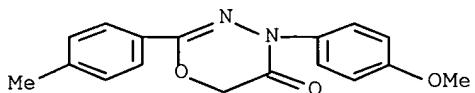
RN 109491-75-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3,4-dimethylphenyl)-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



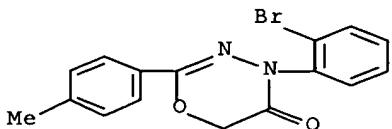
RN 109491-76-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-methoxyphenyl)-2-(4-methylphenyl)-(9CI) (CA INDEX NAME)



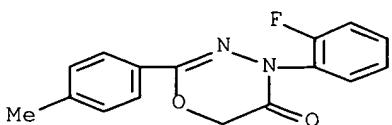
RN 109491-77-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methoxyphenyl)-2-(4-methylphenyl)-(9CI) (CA INDEX NAME)



RN 109491-78-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-(4-methylphenyl)-(9CI) (CA INDEX NAME)

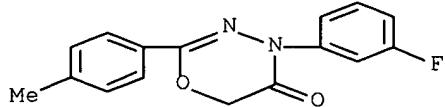


RN 109491-79-4 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-(4-methylphenyl)-(9CI) (CA INDEX NAME)

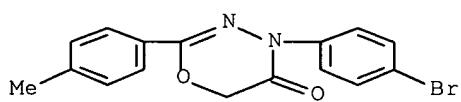


RN 109491-80-7 CAPLUS

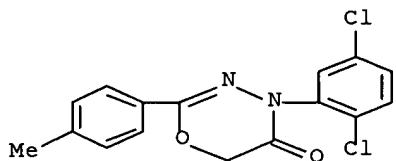
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-fluorophenyl)-2-(4-methylphenyl)-  
(9CI)  
(CA INDEX NAME)



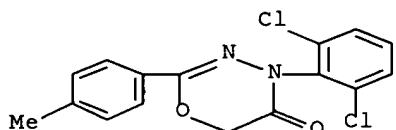
RN 109491-81-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-bromophenyl)-2-(4-methylphenyl)-  
(9CI)  
(CA INDEX NAME)



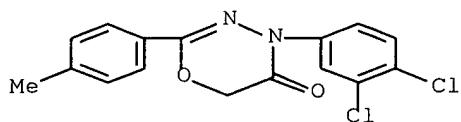
RN 109491-82-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,5-dichlorophenyl)-2-(4-methylphenyl)-  
(9CI) (CA INDEX NAME)



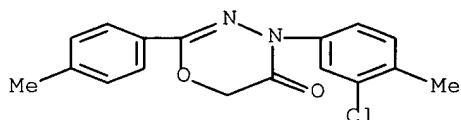
RN 109491-83-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,6-dichlorophenyl)-2-(4-methylphenyl)-  
(9CI) (CA INDEX NAME)



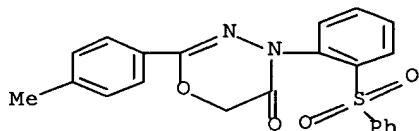
RN 109491-84-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3,4-dichlorophenyl)-2-(4-methylphenyl)-  
(9CI) (CA INDEX NAME)



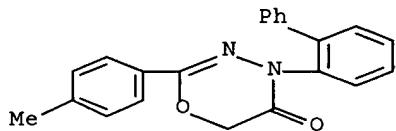
RN 109491-85-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-chloro-4-methylphenyl)-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



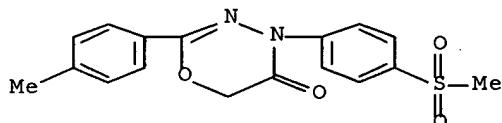
RN 109491-86-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[2-(phenylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



RN 109491-87-4 CAPLUS  
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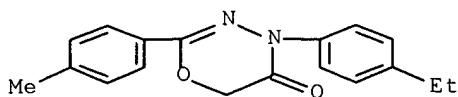
RN 109491-88-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



RN 109491-89-6 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-ethylphenyl)-2-(4-methylphenyl)-

(9CI)

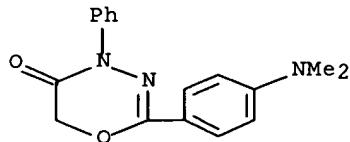
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RN 109491-90-9 CAPLUS

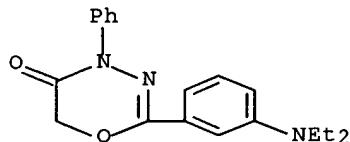
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(dimethylamino)phenyl]-4-phenyl-  
(9CI)

(CA INDEX NAME)



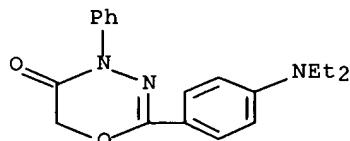
RN 109491-91-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(diethylamino)phenyl]-4-phenyl- (9CI)  
(CA INDEX NAME)



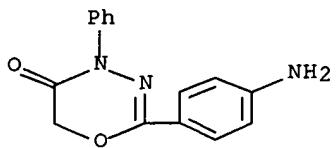
RN 109491-92-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[4-(diethylamino)phenyl]-4-phenyl- (9CI)  
(CA INDEX NAME)

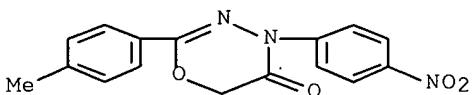


RN 109491-93-2 CAPLUS

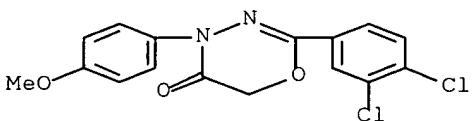
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-aminophenyl)-4-phenyl- (9CI) (CA  
INDEX  
NAME)



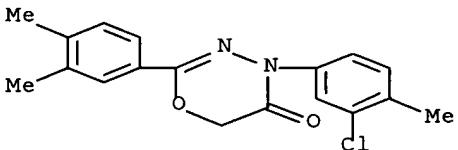
RN 109491-94-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-(4-nitrophenyl)-  
(9CI)  
(CA INDEX NAME)



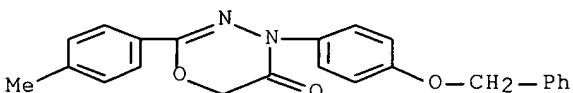
RN 109491-95-4 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3,4-dichlorophenyl)-4-(4-  
methoxyphenyl)-  
(9CI) (CA INDEX NAME)



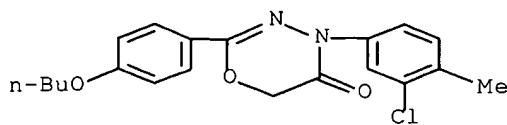
RN 109491-96-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-chloro-4-methylphenyl)-2-(3,4-  
dimethylphenyl)- (9CI) (CA INDEX NAME)



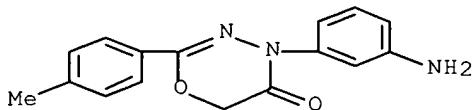
RN 109491-97-6 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[4-  
(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



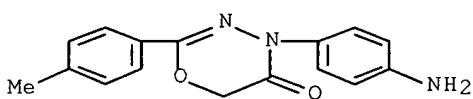
RN 109491-98-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-butoxyphenyl)-4-(3-chloro-4-  
methylphenyl)- (9CI) (CA INDEX NAME)



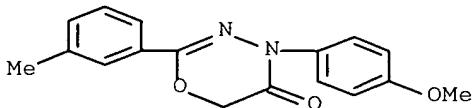
RN 109491-99-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-aminophenyl)-2-(4-methylphenyl)-(9CI)  
(CA INDEX NAME)



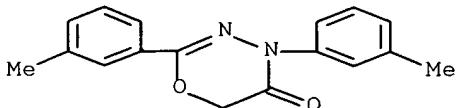
RN 109492-00-4 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-aminophenyl)-2-(4-methylphenyl)-(9CI)  
(CA INDEX NAME)



RN 109492-01-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methoxyphenyl)-2-(3-methylphenyl)-(9CI) (CA INDEX NAME)

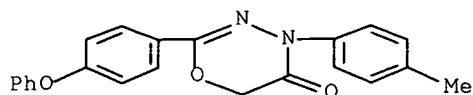


RN 109492-02-6 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(3-methylphenyl)-(9CI) (CA INDEX NAME)



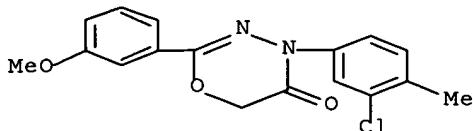
RN 109492-03-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-methylphenyl)-2-(4-phenoxyphenyl)-(9CI)

(9CI) (CA INDEX NAME)



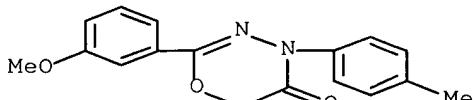
RN 109492-04-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(3-chloro-4-methylphenyl)-2-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



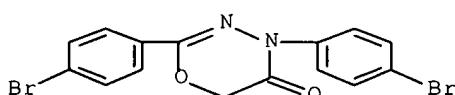
RN 109492-05-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methoxyphenyl)-4-(4-methylphenyl)- (9CI) (CA INDEX NAME)



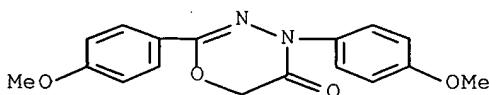
RN 109492-06-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(4-bromophenyl)- (9CI) (CA INDEX NAME)



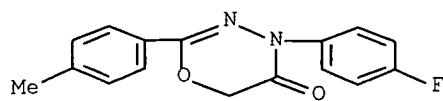
RN 109492-07-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

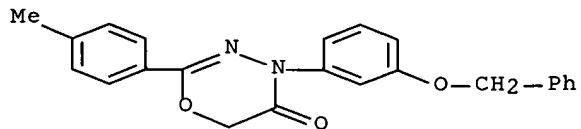


RN 109525-24-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 109551-08-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(4-methylphenyl)-4-[3-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



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(FILE 'HOME' ENTERED AT 16:07:41 ON 19 SEP 2003)

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L1 STRUCTURE uploaded  
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L3 276 S L1 FUL

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L5 1 S US4670555/PN  
L6 1 S L4 AND L5

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43678 ITO?/IN  
L7 1 L4 AND ITO?/IN

74  
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 64  
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L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:573782 CAPLUS

DN 133:164066

TI Preparation of heterodiazinone derivatives as AMPA receptor antagonists

IN Ito, Koichi; Kitazawa, Noritaka; Nagato, Satoshi; Kajiwara, Akiharu; Fukushima, Tatsuto; Hatakeyama, Shinji; Hanada, Takahisa; Ueno, Masataka; Ueno, Kohshi; Kawano, Koki

PA Eisai Co., Ltd., Japan

SO PCT Int. Appl., 120 pp.

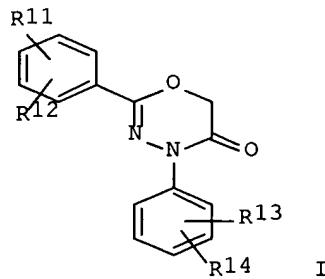
CODEN: PIIXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047567	A1	20000817	WO 2000-JP799	20000215
	W: AU, BR, CA, CN, HU, KR, MX, NO, NZ, RU, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 2000302770	A2	20001031	JP 2000-34407	20000214
	AU 2000024618	A5	20000829	AU 2000-24618	20000215
	EP 1153922	A1	20011114	EP 2000-902953	20000215
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	JP 1999-36233	A	19990215		
	WO 2000-JP799	W	20000215		
OS	MARPAT	133:164066			
GI					



AB Heterodiazinone derivs. represented by general formula (I), pharmacol. acceptable salts of the same, or hydrates of both, [wherein A is O, S or NR3 (wherein R3 is hydrogen or lower alkyl); R1 and R2 are each independently optionally substituted (hetero)aryl, aralkyl, heteroarylkyl, arylalkenyl, or heteroarylalkenyl, piperidyl, piperazinyl, morpholinyl, (un)substituted lower cycloalkyl, tetrahydrofuran, tetrahydropyran, adamantyl, (un)substituted NH2, (un)substituted amido; and R4 and R5 are each independently hydrogen, hydroxyl, halogeno, cyano, nitro, lower alkyl, or (hetero)aryl], exhibiting 2-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor antagonism, are prep'd. These compds. are useful for the treatment, prevention, or improvement of diseases where AMPA receptor antagonism is effective, such as neurodegenerative diseases, more specifically acute neurodegeneration suffered after brain ischemia, head

injury, and spinal cord injury, Alzheimer's disease, Parkinson's disease,

amyotrophic lateral sclerosis, Huntington chorea, epilepsy, pain, multiple

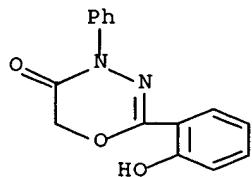
sclerosis, cerebral meningitis, Guillain-Barre syndrome, HIV- or HTLV-related myelitis, or white encephalitis. Thus, picolinic acid was condensed with phneylhydrazine using 1,1'-carbonyldimidazole in DMF/THF to give 86% picolinic acid phneylhydrazide which was cyclocondensed with chloroacetyl chloride in Me Et ketone under reflux for 1 h to give 2-(2-pyridyl)-4-phenyl-4H-1,3,4-oxadiazine-5(6H)-one (II). II.HCl and 2-phenyl-4-(2-chlorophenyl)-4H-1,3,4-oxadiazin-5(6H)-one shoed IC<sub>50</sub> of 11.8 and 0.8 .mu.M, resp., for inhibiting AMPA-induced influx of calcium into rat cerebral nerve cells.

IT 28669-15-0P 287953-92-8P 287953-95-1P  
287953-97-3P 287953-99-5P 287954-02-3P  
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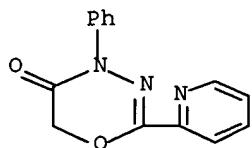
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

Biol (Biological study); PREP (Preparation); USES (Uses) (prepn. of heterodiazinone derivs. as AMPA receptor antagonists and therapeutics)

RN 28669-15-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-hydroxyphenyl)-4-phenyl- (9CI) (CA INDEX NAME)

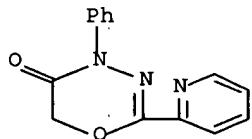


RN 287953-92-8 CAPLUS  
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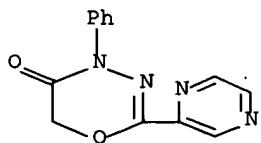


● HCl

RN 287953-95-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-pyridinyl)- (9CI) (CA INDEX NAME)

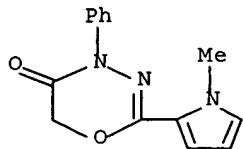


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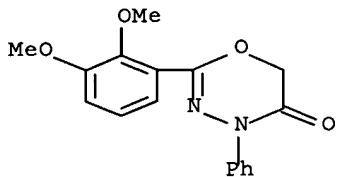


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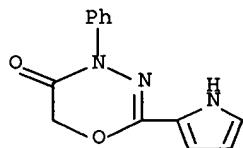
(9CI)  
(CA INDEX NAME)



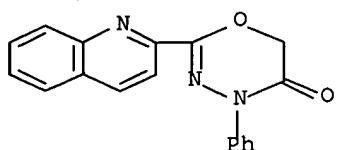
RN 287954-02-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2,3-dimethoxyphenyl)-4-phenyl- (9CI)  
(CA  
INDEX NAME)



RN 287954-04-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(1H-pyrrol-2-yl)- (9CI) (CA  
INDEX NAME)

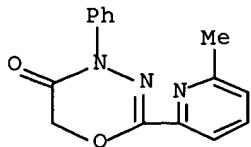


RN 287954-06-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-quinolinyl)-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

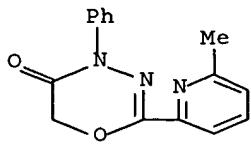
RN 287954-08-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(6-methyl-2-pyridinyl)-4-phenyl-,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

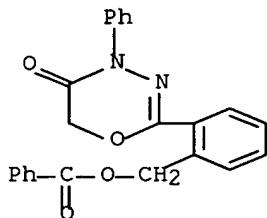
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(6-methyl-2-pyridinyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



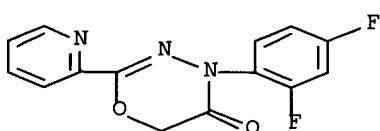
RN 287954-12-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[(benzoyloxy)methyl]phenyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 287954-14-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-(2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

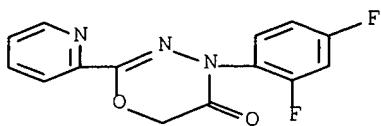


● HCl

RN 287954-16-9 CAPLUS

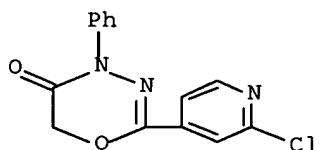
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-(2-pyridinyl)-

(9CI) (CA INDEX NAME)



RN 287954-22-7 CAPLUS

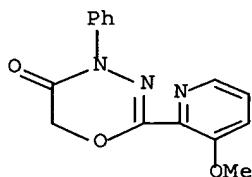
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chloro-4-pyridinyl)-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

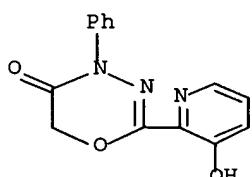
RN 287954-23-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-methoxy-2-pyridinyl)-4-phenyl- (9CI) (CA INDEX NAME)



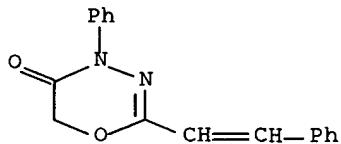
RN 287954-25-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-hydroxy-2-pyridinyl)-4-phenyl- (9CI) (CA INDEX NAME)

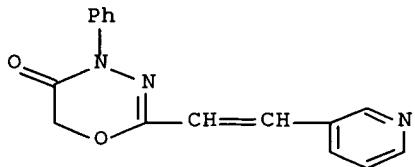


RN 287954-27-2 CAPLUS

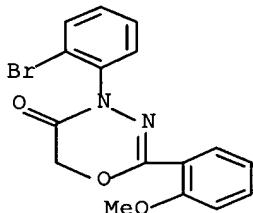
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



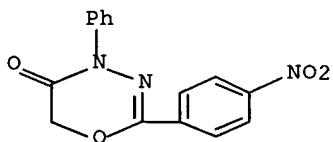
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(CA INDEX NAME)



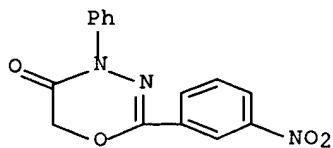
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(9CI)  
(CA INDEX NAME)



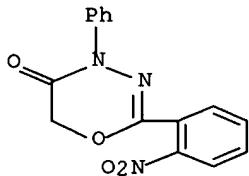
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INDEX  
NAME)



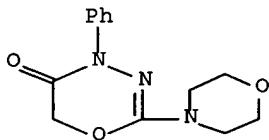
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INDEX  
NAME)



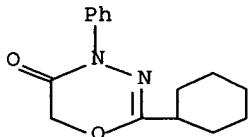
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NAME)



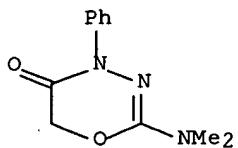
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NAME)



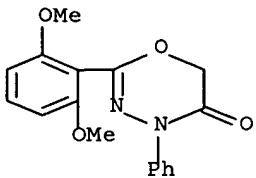
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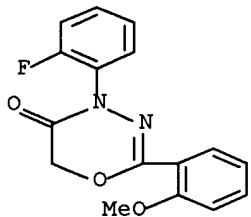
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NAME)



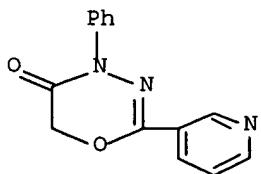
RN 287954-47-6 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2,6-dimethoxyphenyl)-4-phenyl- (9CI)  
(CA INDEX NAME)



RN 287954-49-8 CAPLUS  
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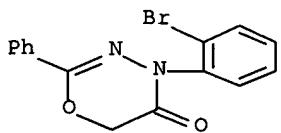
RN 287954-54-5 CAPLUS  
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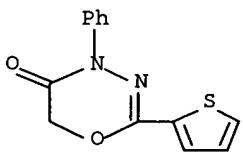
● HCl

RN 287954-55-6 CAPLUS  
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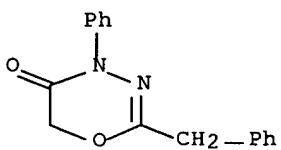
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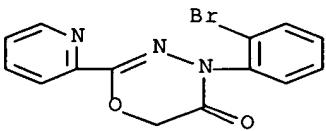
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NAME)



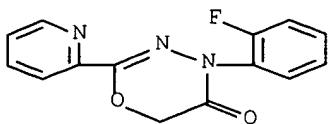
RN 287954-57-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(phenylmethyl)- (9CI) (CA  
INDEX  
NAME)



RN 287954-58-9 CAPLUS  
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(CA INDEX NAME)

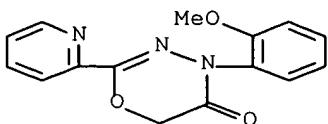


RN 287954-59-0 CAPLUS  
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(CA INDEX NAME)



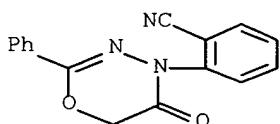
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(CA INDEX NAME)



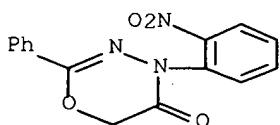
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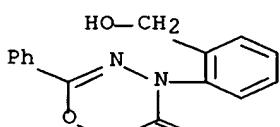
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CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-nitrophenyl)-2-phenyl- (9CI) (CA INDEX  
NAME)



RN 287954-72-7 CAPLUS

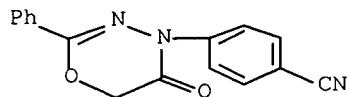
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-(hydroxymethyl)phenyl]-2-phenyl- (9CI)  
(CA INDEX NAME)



RN 287954-79-4 CAPLUS

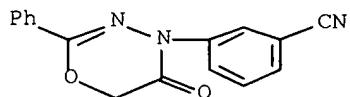
CN Benzonitrile, 4-(5,6-dihydro-5-oxo-2-phenyl-4H-1,3,4-oxadiazin-4-yl)-

(9CI) (CA INDEX NAME)



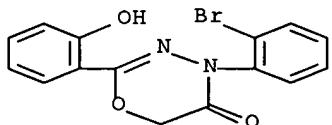
RN 287954-81-8 CAPLUS

CN Benzonitrile, 3-(5,6-dihydro-5-oxo-2-phenyl-4H-1,3,4-oxadiazin-4-yl)-  
(9CI) (CA INDEX NAME)



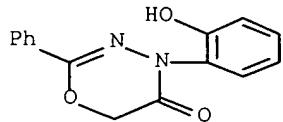
RN 287954-85-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-(2-hydroxyphenyl)-  
(9CI)  
(CA INDEX NAME)



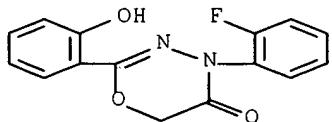
RN 287954-88-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-hydroxyphenyl)-2-phenyl- (9CI) (CA  
INDEX NAME)

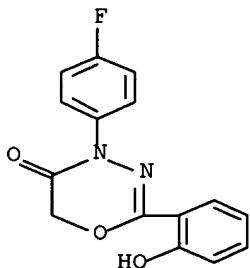


RN 287954-90-9 CAPLUS

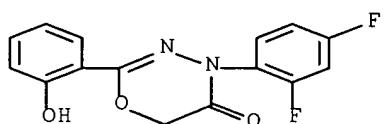
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-(2-hydroxyphenyl)-  
(9CI) (CA INDEX NAME)



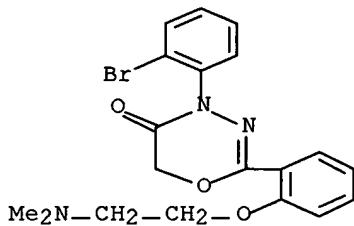
RN 287954-92-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-(2-hydroxyphenyl)-  
(9CI) (CA INDEX NAME)



RN 287954-94-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-(2-  
hydroxyphenyl)-  
(9CI) (CA INDEX NAME)

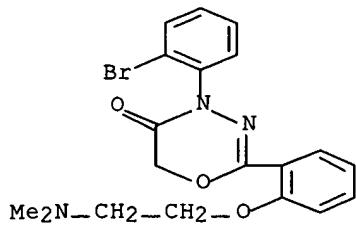


RN 287954-96-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-  
(dimethylamino)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



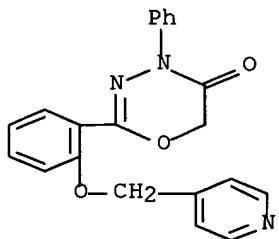
● HCl

RN 287954-98-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-  
(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



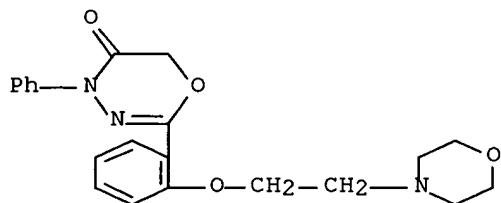
RN 287955-01-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(4-pyridinylmethoxy)phenyl]-(9CI) (CA INDEX NAME)



RN 287955-02-6 CAPLUS

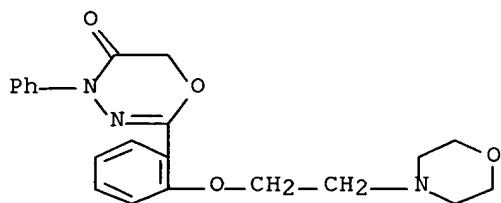
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



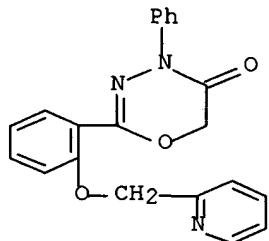
● HCl

RN 287955-03-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-4-phenyl- (9CI) (CA INDEX NAME)

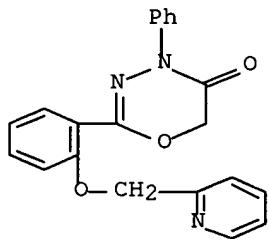


RN 287955-04-8 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(2-pyridinylmethoxy)phenyl]-  
monohydrochloride (9CI) (CA INDEX NAME)

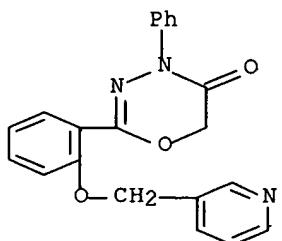


● HCl

RN 287955-05-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(2-pyridinylmethoxy)phenyl]-  
(9CI) (CA INDEX NAME)



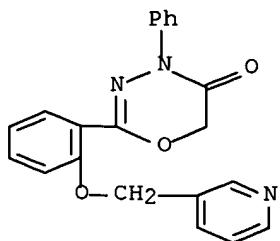
RN 287955-06-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(3-pyridinylmethoxy)phenyl]-  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

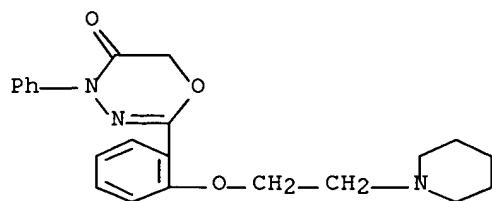
RN 287955-07-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-(3-pyridinylmethoxy)phenyl]-  
(9CI) (CA INDEX NAME)



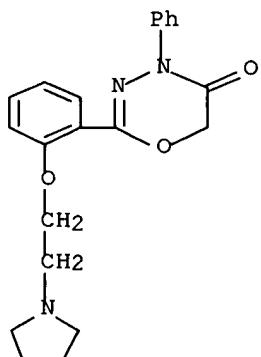
RN 287955-08-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



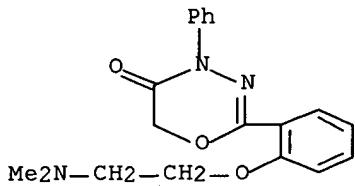
RN 287955-09-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-10-6 CAPLUS

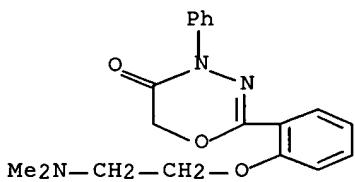
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

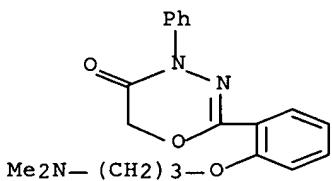
RN 287955-11-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-phenyl- (9CI) (CA INDEX NAME)



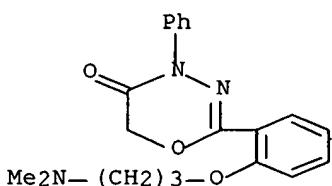
RN 287955-12-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[3-(dimethylamino)propoxy]phenyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 287955-13-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[3-(dimethylamino)propoxy]phenyl]-4-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)

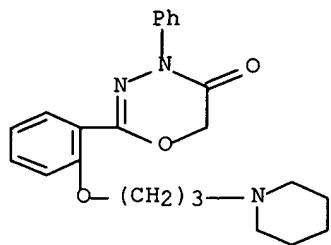


● HCl

RN 287955-14-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[3-(1-

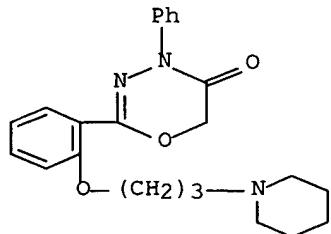
piperidinyl)propoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

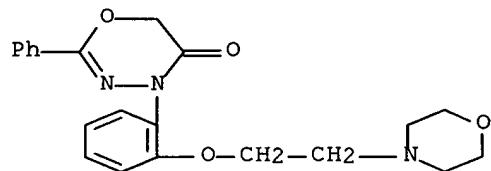
RN 287955-15-1 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[3-(1-piperidinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-16-2 CAPLUS

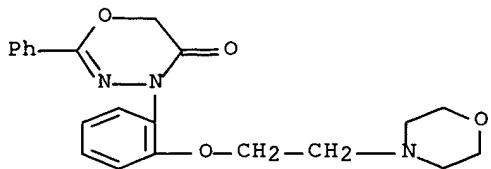
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(4-morpholinyl)ethoxy]phenyl]-2-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

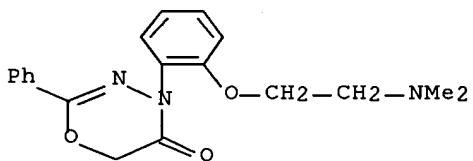
RN 287955-17-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(4-morpholinyl)ethoxy]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)



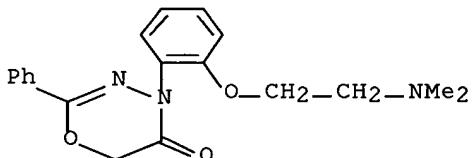
RN 287955-18-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)



RN 287955-19-5 CAPLUS

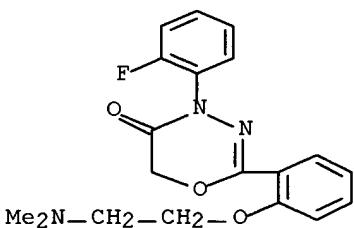
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-[2-[2-(dimethylamino)ethoxy]phenyl]-2-phenyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

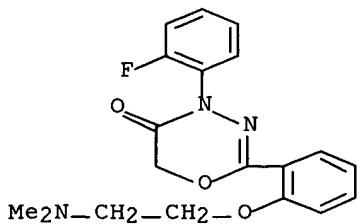
RN 287955-20-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-(2-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

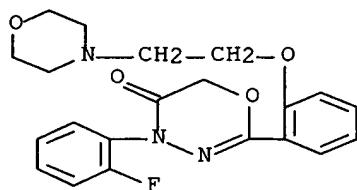


● HCl

RN 287955-21-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-[2-(dimethylamino)ethoxy]phenyl]-4-(2-fluorophenyl)- (9CI) (CA INDEX NAME)

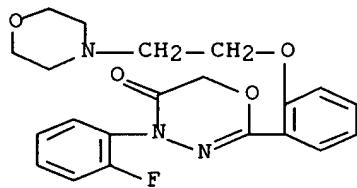


RN 287955-22-0 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

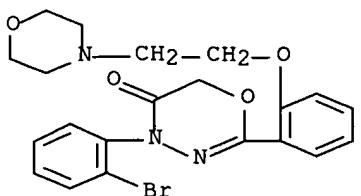


● HCl

RN 287955-23-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



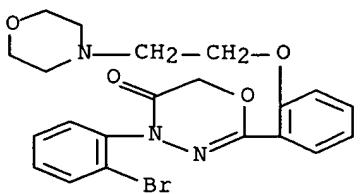
RN 287955-24-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

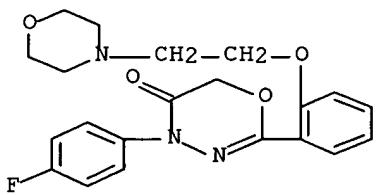
RN 287955-25-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-28-6 CAPLUS

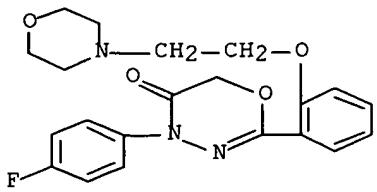
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

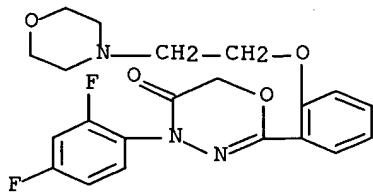
RN 287955-29-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(4-fluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-30-0 CAPLUS

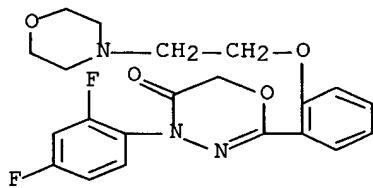
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 287955-31-1 CAPLUS

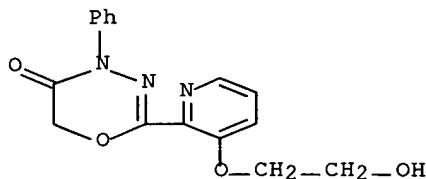
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,4-difluorophenyl)-2-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-32-2 CAPLUS

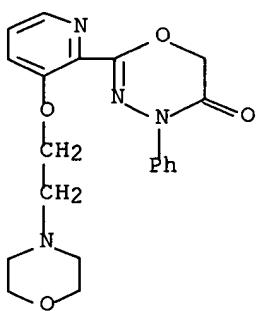
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(2-hydroxyethoxy)-2-pyridinyl]-4-phenyl-

(9CI) (CA INDEX NAME)



RN 287955-33-3 CAPLUS

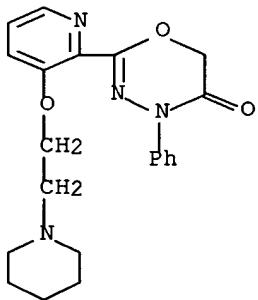
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-[2-(4-morpholinyl)ethoxy]-2-pyridinyl]-4-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 287955-34-4 CAPLUS

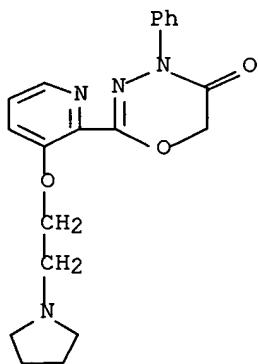
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-[2-(1-piperidinyl)ethoxy]-2-pyridinyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

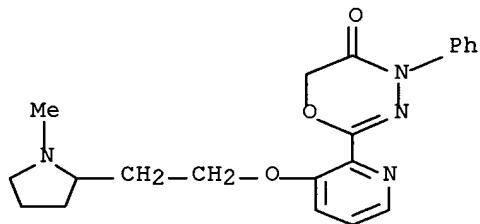
RN 287955-35-5 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[3-[2-(1-pyrrolidinyl)ethoxy]-2-pyridinyl]-, dihydrochloride (9CI) (CA INDEX NAME)



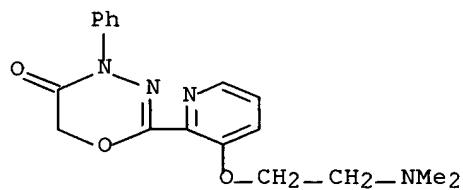
●2 HCl

RN 287955-36-6 CAPLUS  
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-[2-(1-methyl-2-pyrrolidinyl)ethoxy]-2-pyridinyl]-4-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

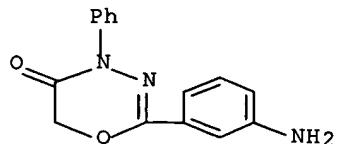
RN 287955-37-7 CAPLUS  
 CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-[2-(dimethylamino)ethoxy]-2-pyridinyl]-4-phenyl-, dihydrochloride (9CI) (CA INDEX NAME)



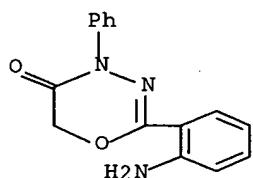
●2 HCl

RN 287955-38-8 CAPLUS

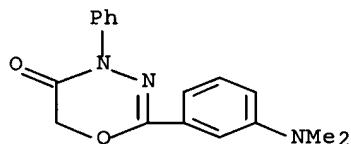
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(3-aminophenyl)-4-phenyl- (9CI) (CA  
INDEX  
NAME)



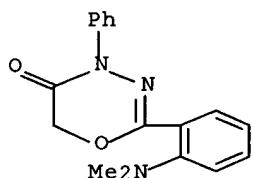
RN 287955-39-9 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-aminophenyl)-4-phenyl- (9CI) (CA  
INDEX  
NAME)



RN 287955-57-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[3-(dimethylamino)phenyl]-4-phenyl-  
(9CI)  
(CA INDEX NAME)

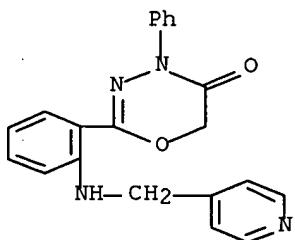


RN 287955-58-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[2-(dimethylamino)phenyl]-4-phenyl-  
(9CI)  
(CA INDEX NAME)



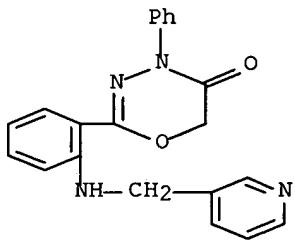
RN 287955-59-3 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[(4-

pyridinylmethyl)amino]phenyl]- (9CI) (CA INDEX NAME)



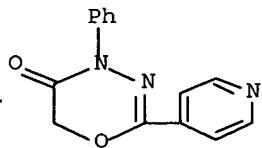
RN 287955-60-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[2-[(3-pyridinylmethyl)amino]phenyl]- (9CI) (CA INDEX NAME)



RN 287955-61-7 CAPLUS

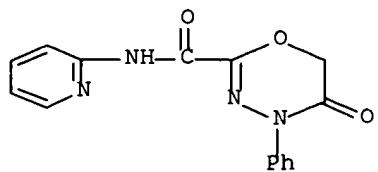
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 287955-62-8 CAPLUS

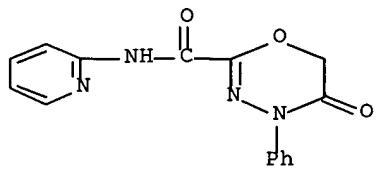
CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-2-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

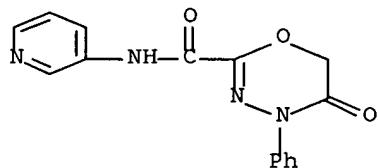
RN 287955-63-9 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-2-pyridinyl- (9CI) (CA INDEX NAME)



RN 287955-65-1 CAPLUS

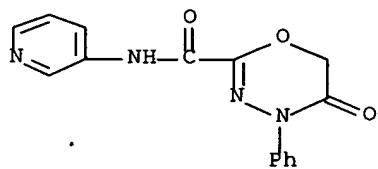
CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 287955-66-2 CAPLUS

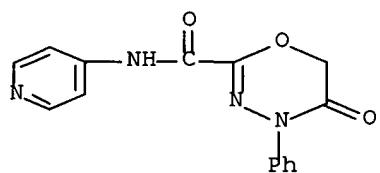
CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-3-pyridinyl- (9CI) (CA INDEX NAME)



RN 287955-67-3 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-4-

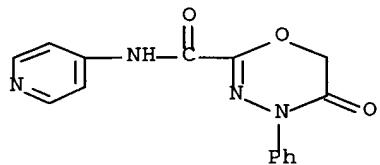
pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

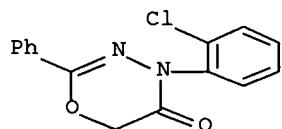
RN 287955-68-4 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxamide, 5,6-dihydro-5-oxo-4-phenyl-N-4-pyridinyl- (9CI) (CA INDEX NAME)



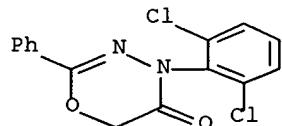
RN 287955-71-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-chlorophenyl)-2-phenyl- (9CI) (CA INDEX NAME)



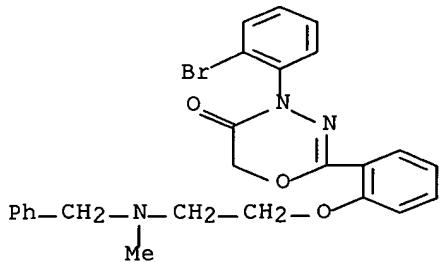
RN 287955-72-0 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2,6-dichlorophenyl)-2-phenyl- (9CI)  
(CA INDEX NAME)



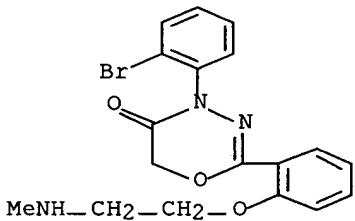
RN 287955-74-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-[2-methyl(phenylmethyl)amino]ethoxy]phenyl- (9CI) (CA INDEX NAME)



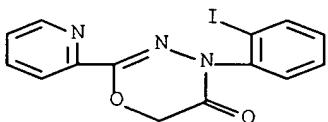
RN 287955-75-3 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-bromophenyl)-2-[2-(methylamino)ethoxy]phenyl- (9CI) (CA INDEX NAME)



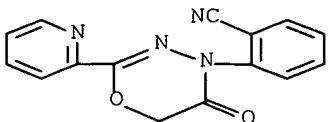
RN 287955-76-4 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-(2-iodophenyl)-2-(2-pyridinyl)- (9CI)  
(CA INDEX NAME)



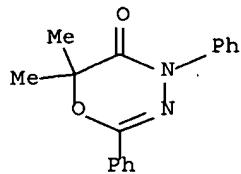
RN 287955-77-5 CAPLUS

CN Benzonitrile, 2-[5,6-dihydro-5-oxo-2-(2-pyridinyl)-4H-1,3,4-oxadiazin-4-yl]- (9CI) (CA INDEX NAME)

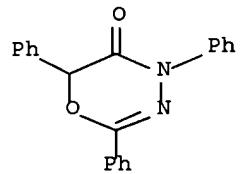


RN 287955-78-6 CAPLUS

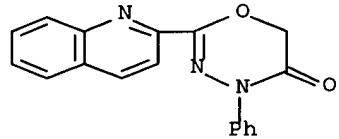
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 6,6-dimethyl-2,4-diphenyl- (9CI) (CA INDEX NAME)



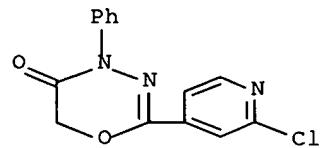
RN 287955-79-7 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2,4,6-triphenyl- (9CI) (CA INDEX NAME)



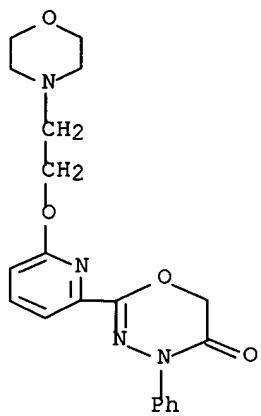
RN 287955-81-1 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(2-quinolinyl)- (9CI) (CA INDEX NAME)



RN 287955-82-2 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-(2-chloro-4-pyridinyl)-4-phenyl- (9CI) (CA INDEX NAME)

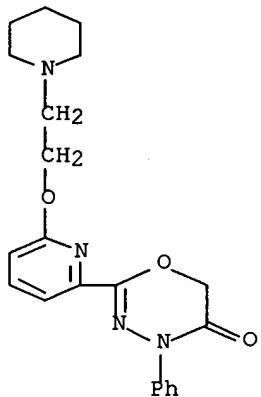


RN 287955-85-5 CAPLUS  
CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[6-[2-(4-morpholinyl)ethoxy]-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



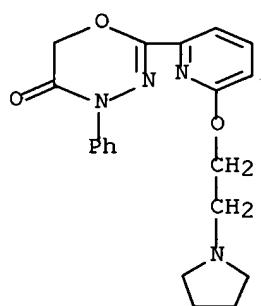
RN 287955-86-6 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[6-[2-(1-piperidinyl)ethoxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)



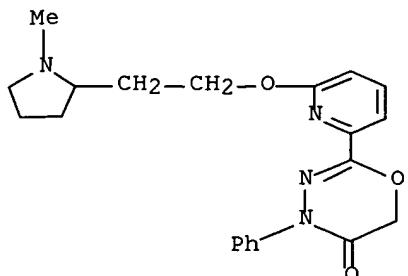
RN 287955-87-7 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-[6-[2-(1-pyrrolidinyl)ethoxy]-2-pyridinyl]- (9CI) (CA INDEX NAME)



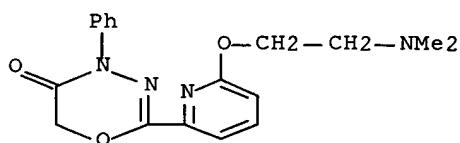
RN 287955-88-8 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[6-[2-(1-methyl-2-pyrrolidinyl)ethoxy]-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



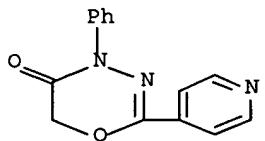
RN 287955-89-9 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 2-[6-[2-(dimethylamino)ethoxy]-2-pyridinyl]-4-phenyl- (9CI) (CA INDEX NAME)



RN 287955-90-2 CAPLUS

CN 4H-1,3,4-Oxadiazin-5(6H)-one, 4-phenyl-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)

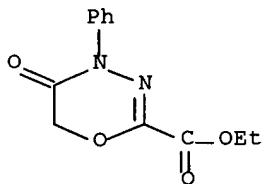


IT **287955-64-0P**

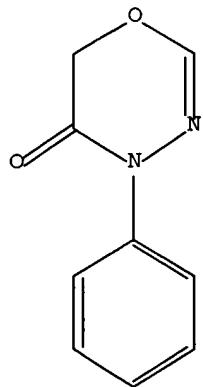
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. of heterodiazinone derivs. as AMPA receptor antagonists and therapeutics)

RN 287955-64-0 CAPLUS

CN 4H-1,3,4-Oxadiazine-2-carboxylic acid, 5,6-dihydro-5-oxo-4-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



=> d l1; d his; log y  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

(FILE 'HOME' ENTERED AT 16:07:41 ON 19 SEP 2003)

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L1 STRUCTURE uploaded  
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L3 276 S L1 FUL

FILE 'CPLUS' ENTERED AT 16:08:20 ON 19 SEP 2003

L4 12 S L3  
L5 1 S US4670555/PN  
L6 1 S L4 AND L5  
L7 1 S L4 AND ITO?/IN

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	14.18	162.54
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

STN INTERNATIONAL LOGOFF AT 16:10:31 ON 19 SEP 2003